Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 30 Dec 2021 until 23:59 on Friday 31 Dec 2021

Forecast Issued on Wednesday 29 Dec 2021 at 11:45

Confidence: High for an often cloudy, mild and at times wet period.

Headline for Thursday 30 Dec 2021: Cloudy with outbreaks of rain, but often dry in the afternoon. Windy.

Mountain weather hazards on Thursday 30 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Light rain	Heavy Rain	Light rain	Drizzle	Fog	Light rain	Heavy Rain
Precipitation probability							
50%	70%	60%	60%	40%	30%	40%	70%

Forecast for Thursday 30 Dec 2021

Weather: Outbreaks of rain and drizzle overnight and during the morning. Cloudy and often overcast in the afternoon but mainly dry with only patchy drizzle. Further rain in the evening, heavy at times.

Chance of cloud free mountain/hill tops above 800m: Nil to 20%, best chance over the Northern Fells.

Visibility: Good at times lower down, otherwise moderate or poor in rain and drizzle, and often very poor at height. Extensive cloud, base 300 to 600m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 30 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	32/40 SW	28/36 SW	32/41 SW	31/40 SW	29/37 SW	26/33 SW	20/26 SW	34/44 S	40/54 SW
600	27/37 SW	21/31 SW	22/32 SW	23/33 SW	22/31 SW	19/27 SW	15/22 SW	24/35 S	31/45 SW
300	10/30 SW	6/23 S	8/26 SW	9/27 SW	10/27 SW	8/24 SW	5/18 S	9/27 S	13/36 S
Valley	9/24 SW	6/19 SW	8/22 SW	8/21 SW	10/22 SW	8/20 SW	6/16 SW	10/24 S	16/34 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-1	6/1	6/1	7/1	6/1	6/1	6/1	6/0	6/-0
600	6/1	7/3	8/3	8/4	8/4	7/3	7/3	8/3	8/2
300	8/5	8/7	9/7	9/7	9/7	9/6	8/7	9/7	9/6
Valley	9/7	9/8	10/8	10/8	10/8	10/8	9/8	10/8	10/8
Freezing Level*	1700m	2200m	2300m	2100m	1900m	1900m	2100m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties expected at height.

Forecast for Friday 31 Dec 2021

Weather: Cloudy with outbreaks of rain overnight and during the morning, heavy and persistent at times. Turning drier in the afternoon with the cloud lifting and breaking.

Maximum wind: Southwest 35 to 40mph gusting 55mph early in the day, easing during daylight hours.

Chance of cloud free mountain/hill tops above 800m: Nil becoming 50% by dusk.

Visibility: Moderate or poor in rain and very poor at height, becoming mostly good or very good in the afternoon. Extensive cloud, base 600m or less, lifting and breaking to patches near the summits during the afternoon.

Temperature: **Valleys:** Plus 8 to 12 Celsius
At 800m: Plus 6 Celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 29 December2021. Location: Helvellyn summit at 10:30. Full report: A day of high winds and driving rain on the Lake District fells. There were sustained gusts of 60mph plus over exposed ridges and cols and goggles were useful for navigating. The recent snowfall has now thawed at all levels while the consolidated refrozen snow /neve from early December is just about hanging in there. These remaining areas of snow are mainly to be found on steep N through E aspects above 750m. The snow's surface was thawing & granular but just a couple of cm down it was still hard and icy. The majority of paths, including Striding & Swirral Edges, can now be climbed without setting foot on snow with a bit of careful route choice. However venturing onto the snow without an ice axe and crampons would be high risk as a slide not quickly stopped would typically end abruptly in a pile of rocks. The popular Swirls path on Helvellyn has a couple of areas of steep snow where it is far safer to leave the path and pick your way through the rocks. Despite the milder temperatures, the summit windchill (what the temperature feels like) remains well below freezing so full winter clothing (waterproofs, extra warm layers, hat & gloves), torch and a map & compass are essential for anyone going out onto the high fells.
Temperature: plus 2.6 C, Maximum wind speed 48.6 mph, Wind chill: minus 6.0 C, Average wind speed: 40.3 mph

No recent ground conditions report available.

Issued at: 1145 on Wed 29 Dec 2021

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